Exhibit Z: Power Spectral Density

FCC ID: P6I-COPYCAM

Power Spectral Density

Revision 2/4/02

Justification

The individuals and/or the organization requesting the test provided the modes, configurations and settings available to evaluate. All of the EUT parameters listed below were investigated. This includes, but may not be limited to, antennas, tuned transmit frequency ranges, operating modes, and data rates.

Channels in Specified Band Investigated:	
Low	
Mid	
High	

Operating Modes Investigated: No Hop

Data Rates Investigated:

Maximum

Output Power Setting(s) Investigated:

Maximum

Power Input Settings Investigated:

120 VAC, 60 Hz.

Software\Firmware Applied During Test					
Exercise software	Special Test Software	Version	Unknown		
Description					
The system was tested using special software developed to test all functions of the device during the test.					

Equipment Modifications

No EMI suppression devices were added or modified. The EUT was tested as delivered.

EUT and Peripherals

Description	Manufacturer	Model/Part Number	Serial Number
EUT	Polyvision	CopyCam	E0200066
Control Pad	Polyvision	N/A	N/A
AC Power Adapter	Ault, Inc	P48151000A000G	N/A

Cables

Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2
Ethernet	No	3.6	No	Control Pad	EUT
DC Power	No	4.4	No	EUT	AC Adapter

PA = Cable is permanently attached to the device. Shielding and/or presence of ferrite may be unknown.

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Revision 2/4/02

Measurement Equipment

Description	Manufacturer	Model	Identifier	Last Cal	Interval
Spectrum Analyzer	Tektronix	2784	AAO	03/08/2001	24 mo

Test Description

Requirement: Per 47 CFR 15.247(d), the peak power spectral density conducted from the antenna port of a direct sequence transmitter must not be greater than +8 dBm in any 3 kHz band during any time interval of continuous transmission.

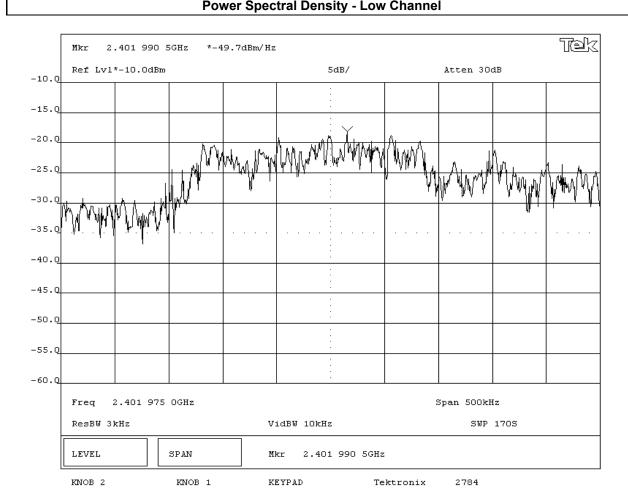
Configuration: The peak power spectral density measurements were measured with the EUT set to low, mid, and high transmit frequencies. The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. The EUT was transmitting at its maximum data rate and maximum output power. Per the procedure outlined in FCC 97-114, the spectrum analyzer was used as follows:

The emission peak(s) were located and zoom in on within the passband. The resolution bandwidth was set to 3 kHz, the video bandwidth was set to greater than or equal to the resolution bandwidth. The sweep speed was set equal to the span divided by 3 kHz (sweep = (SPAN/3 kHz)). For example, given a span of 1.5 MHz, the sweep should be 1.5 x $106 \div 3 \times 103 = 500$ seconds. External attenuation was used and added to the reading. The following FCC procedure was used for modifying the power spectral density measurements:

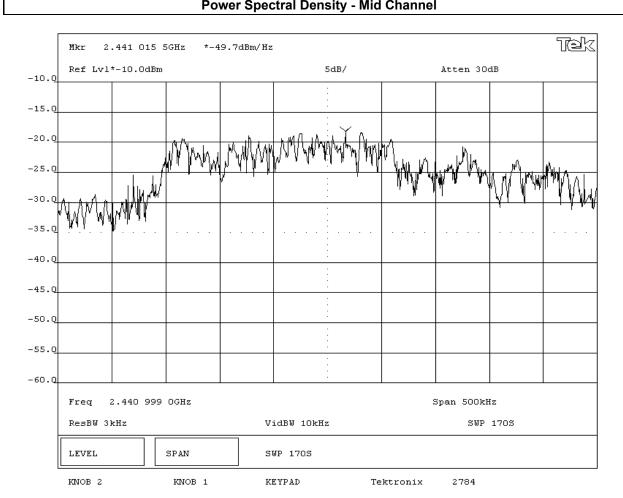
"If the spectrum line spacing cannot be resolved on the available spectrum analyzer, the noise density function on most modern conventional spectrum analyzers will directly measure the noise power density normalized to a 1 Hz noise power bandwidth. Add 34.7 dB for correction to 3 kHz."

Completed by:

EMC		EMISSIONS I	DATA SH	EET		Rev BETA 01/30/01
	СоруСат				Work Order:	POLV0012
Serial Number:	E0200066				Date:	02/22/02
Customer	PolyVision Corporation				Temperature:	23 degrees C
Attendees:	Guy Williams		Tested by:	Greg Kiemel	Humidity:	38% RH
Customer Ref. No.:	N/A		Power:	N/A	Job Site:	EV06
TEST SPECIFICATION	NS					
Specification:	47 CFR 15.247(d)	Year: Most Current	Method:	FCC 97-114, ANSI C6	3.4 Year:	1992
SAMPLE CALCULATI	ONS					
Meter reading on spe	ctrum analyzer is internally compe	ensated for cable loss and external	attenuation.			
Power Spectral Densi	ity per 3kHz bandwidth = Power Sp	pectral Density per 1 Hz bandwidth	+ Bandwidth Correction	on Factor.		
Bandwidth Correction	n Factor = 10*log(3kHz/1Hz)					
COMMENTS						
EUT OPERATING MO						
	at maximum data rate, Maximum O	utput Power				
DEVIATIONS FROM T	EST STANDARD					
None						
REQUIREMENTS		B000 / 111 /	10 10 1			
	r spectral density conducted from	a DSSS transmitter does not exce		pand		
RESULTS			AMPLITUDE			
Pass			Power Spectral Densi	ty = -14.9 dBm / 3kHz		
SIGNATURE						
Tested By:	ADU.K.P					
DESCRIPTION OF TE	ST					
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EMC		EMISSIONS I	DATA SH	EET		Rev BETA 01/30/01
	CopyCam				Work Order:	
Serial Number:						02/22/02
Customer	PolyVision Corporation				Temperature:	23 degrees C
Attendees:	Guy Williams		Tested by:	Greg Kiemel	Humidity:	38% RH
Customer Ref. No.	N/A		Power:	N/A	Job Site:	EV06
TEST SPECIFICATION	NS					
Specification:	47 CFR 15.247(d)	Year: Most Current	Method:	FCC 97-114, ANSI C6	3.4 Year:	1992
SAMPLE CALCULATI	ONS					
Meter reading on spe	ctrum analyzer is internally compe	ensated for cable loss and external	attenuation			
Power Spectral Densi	ity per 3kHz bandwidth = Power Sp	pectral Density per 1 Hz bandwidth	+ Bandwidth Correction	on Factor.		
Bandwidth Correction	n Factor = 10*log(3kHz/1Hz)					
COMMENTS						
EUT OPERATING MO						
Modulated by PRBS a	at maximum data rate, Maximum O	utput Power				
DEVIATIONS FROM T	EST STANDARD					
None						
REQUIREMENTS						
Maximum peak powe	r spectral density conducted from	a DSSS transmitter does not exce	ed 8 dBm in any 3 kHz	band		
RESULTS			AMPLITUDE			
Pass			Power Spectral Densi	ty = -14.9 dBm / 3kHz		
SIGNATURE						
Tested By:	ADU.K.P					
DESCRIPTION OF TE	ST					
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EMC	EMISSIONS	DATA SH	EET		Rev BETA
	CopyCam			Work Order:	01/30/01 POLV0012
Serial Number:			02/22/02		
	PolyVision Corporation				23 degrees C
	Guy Williams	Tested by:	Greg Kiemel	Humidity:	
Customer Ref. No.:		Power:		Job Site:	
TEST SPECIFICATION	vs				
Specification:	47 CFR 15.247(d) Year: Most Current	Method:	FCC 97-114, ANSI C6	3.4 Year:	1992
SAMPLE CALCULATI	ONS				
Meter reading on spe-	ctrum analyzer is internally compensated for cable loss and extern	al attenuation			
Power Spectral Densi	ty per 3kHz bandwidth = Power Spectral Density per 1 Hz bandwid	th + Bandwidth Correcti	on Factor.		
Bandwidth Correction	Factor = 10*log(3kHz/1Hz)				
COMMENTS					
EUT OPERATING MO	DES				
Modulated by PRBS a	t maximum data rate, Maximum Output Power				
DEVIATIONS FROM T	EST STANDARD				
None					
REQUIREMENTS					
	r spectral density conducted from a DSSS transmitter does not exc	eed 8 dBm in any 3 kHz	band		
RESULTS		AMPLITUDE			
Pass		Power Spectral Densi	ty = -17.9 dBm / 3kHz		
SIGNATURE					
Tested By:	ADU.K.P				
DESCRIPTION OF TE	ST				

